

electrically insulative, porous sheath effective to provide electrical isolation of said at least one electrical conductor from the other electrical conductor;

AI  
End  
circuitry coupled to said electrical conductors effective to measure a resistance of the combination of the pair of electrical conductors and an electrical short therebetween caused by local conductivity through the porous sheath at a location whereat said liquid leak penetrates said sheath, whereby the resistance indicates the existence of a leak and the relative location of the leak along said at least one electrical conductor.

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10. (AMENDED) The apparatus as claimed in claim 1 wherein the said at least one insulated conductor comprises a chemically treated insulator which changes color when contacted by liquid, whereby leak existence and location may be discerned visually.

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### **BACKGROUND**

Claims 1 through 21 are pending in the application. Claims 1-21 stand rejected. Claims 1,3,5 and 6-21 stand rejected under 35 USC 103(a) as being unpatentable over USPN 4,206,632 to Suzuki (hereafter "Suzuki") in view of USPN 6,175,310 to Gott (hereafter "Gott"). Claims 2 and 4 stand rejected under 35 USC 103(a) as being unpatentable over Suzuki in view of Gott as applied to claim 1 and further in view of USPN 4,805,662 to Moody. Claim 10 was objected to in addressing consistent usage of numeral when referring to antecedent claims.

Applicants respectfully traverse the rejections with the following remarks in view of the amendments made to claim 1. Claim 10 has also been amended to remove the Examiner's objection related thereto. A marked up copy of the amended claims are attached hereto as Appendix A.